

LISTING OF THE CLAIMS

Claim 1 (Currently Amended) A method for forming a low resistance MOSFET device comprising the steps of:

forming a gate region atop a surface of a substrate;

forming first spacers having a first spacer width on sidewalls of said gate region;

~~forming a dopant region comprising source/drain extensions and deep source/drain regions using a single dopant implant step;~~

forming first silicide regions having a first silicide thickness in said substrate as well as atop a surface of said gate region, wherein said first silicide regions have a lateral thickness from about 2 to about 15 nm which lowers external resistance of said device;

forming second spacers in said substrate and atop a surface of said gate region, wherein said second spacers protect said first silicide region in said substrate; and

forming second silicide regions in said substrate and atop a surface of said gate region, wherein said second silicide regions have a thickness that is greater than said first silicide thickness.

Claim 2 (Original) The method of Claim 1 wherein said forming of said gate region further comprises predoping of said gate region.

Claim 3 (Original) The method of Claim 2 wherein said predoping is performed by ion implantation of a type III-A element or a type V element into said gate region.

Claim 4 (Original) The method of Claim 3 where predoping is achieved via ion implantation of phosphorus into said gate region.

Claim 5 (Cancelled)

Claim 6 (Currently Amended) The method of Claim 1 wherein said first ~~spacer~~ spacers width is from about 5 nm to about 20 nm.

Claim 7 (Currently Amended) The method of Claim 1 wherein said first ~~spacer~~ spacers width is from about 7 nm to about 15 nm.

Claim 8 (Original) The method of Claim 1 wherein said second spacers width is from about 20 nm to about 90 nm.

Claim 9 (Original) The method of Claim 1 wherein said second spacers width is from about 30 nm to about 70 nm.

Claims 10-11 (Cancelled)

Claim 12 (Currently Amended) The method of Claim 1 wherein said forming of said first silicide ~~region~~ regions comprises depositing a first metal layer upon an exposed surface of said substrate and annealing.

Claim 13 (Original) The method of Claim 12 where said first metal layer has a thickness from about 2 nm to about 7 nm.

Claim 14 (Original) The method of Claim 13 where said first metal layer comprises Ta, Ti, W, Pt, Co, Ni, or combinations thereof.

Claims 15-16 (Cancelled)

Claim 17 (Currently Amended) The method of Claim 1 wherein said ~~first silicide regions have a thickness~~ is from about 5 nm to about 12 nm.

Claim 18 (Currently Amended) The method of Claim 1 wherein said first silicide ~~region~~ regions is formed in said substrate having a channel region beneath said gate region, where the distance between said first silicide ~~region~~ regions and said channel region is from about 2 nm to about 15 nm.

Claim 19 (Currently Amended) The method of Claim 1 wherein said first silicide ~~region~~ regions is formed in said substrate having a channel region beneath said gate

region, where the distance between said first silicide ~~region~~ regions and said channel region is from about 3 nm to about 10 nm.

Claims 20-33 (Cancelled)